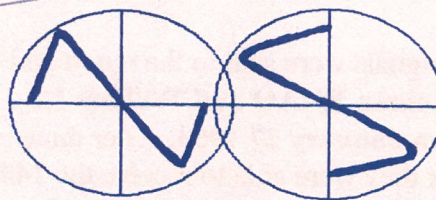


NORTH SHORE AMATEUR RADIO CLUB

"SPARKS" JUNE 1992

Next meeting June 08 1992, at 8:00 PM
Club meetings held on second Monday of
the month at the Arts and Resources
Center, Oshawa except the July Sermon
On The Mount and the August Corn Roast.



North Shore Amateur Radio Club Inc.
P.O. Box 171,
Oshawa Ont.,
L1H 7L1

CLUB REPEATER VE3OSH, ON 147.120 CLUB SPECIAL EVENTS CALL VE3NSR N.S.A.R.C. EXECUTIVE FOR 1992

President	Richard Button	VE3RJB	725-7150
Vice President	Margaret Jeffery	VE3BNN	725-1238
Treasurer	Greg Schatzmann	VE3GJS	576-4655
Secretary	Fred Bengel	VE3TIG	576-4839
Program Director	Peter Johns	VE3WWZ	723-9049

CLUB COORDINATORS

A.R.E.S. Coordinator	Margaret Jeffery	VE3BNN	725-1238
Special Events Coordinator	Ralph Day	VE3CRK	576-8738
Bulletin Editor	Victor Doty	VE3LNX	983-5831
Transmitter Hunt Coordinator	Victor Doty	VE3LNX	983-5831
Club Historian	Mike Sherba	VE3DKW	723-7674
2 Meter Net Control	Roy Miller	VE3AAF	852-5447
Registrar	Keith Wyard-Scott	VE3GDF	723-5758
Get Well Cards	Collin Bell	VE3CEU	723-7842
Nonquon Canoe Races	Glen Goslin	VE3LIZ	725-1545
CNE & Field Day	Greg Schatzmann	VE3GJS	576-4655
Instruction Coordinator	Rick Gibson	VE3ASH	434-2886
Auditor	Harry Westwood	VE3QG	683-5104
Lists and Labels	Paul Dale	VE3LHZ	434-6741
Jamboree On The Air	Tom Rogers	VE3BTR	640-5549
Club Inventory	Doug Barnes	VE3WJR	357-2342
Ride For The Handicapped	Ray Zambonelli	VE3OUB	723-2467
	Ralph Day	VE3CRK	576-8738

The 2 meter net convenes every Thursday night at 7:30 PM on the club repeater VE3OSH, as part of the regular agenda Bernie VE3ATI provides code practice from 8:30 to 9:30 except for July and August when Bernie declares a holiday.

Coming Fleamarkets

The next fleamarket will be the Guelph fleamarket and computerfest on June 6 1992 and in Marmora on June 13 1992, they will be having their first fleamarket so plan to attend if possible. (Editor)

Code Practice On Thursday Night

Starting in June or before code practice on VE3OSH will commence at 7 wpm, the speed will increase in increments of 3 wpm the speeds will consist of 7, 10, 13, 15, 18 and 21 wpm for a period of 10 minutes at each speed.

92
VE3CRK
Ralph Day
454 Holcan Ave.
Oshawa, ON
L1G 5X6

Last Months Trivia Answer

The first amateur signals were sent to the moon and back, by **Ross Bateman W4AO** and **William L. Smith W3GKP**, on **January 27 1953**. After three long years of work they were able to receive the 144 Mc. signals on their huge stacked rhombic array.

(ARRL VHF Handbook)

This Months Trivia Question

Who knows in what year the first FM repeater operation took place, and on what band this happened? (Editor)

(The first person who comes up with the right answer at the club meeting gets all the free coffee they can drink that evening) (Editor)

Topic For The Next Meeting

The subject for the June meeting will be traffic handling and we will all find out the in and outs of passing and receiving traffic, from **VE3ORN, Ron** who is going to fill us all in on what is happening on the traffic nets so don't miss it. (VE3WWZ)

DON'T FORGET SERMON ON THE MOUNT NEXT MONTH

Field Day 92

Field day is again upon us, this year there will be a new antenna for 40 meters, a 2 element yagi, so there should be lots activity on that band, but **Greg VE3GJS** is still looking for people to operate, especially on the night shift, anyone who wishes to operate a little or a lot let **Greg** know what your desires are and I am sure that you can be looked after. I hear rumours that **Evan VE3IND** is already starting on a big batch of **SUPER HOT CHILLI** but that was only a rumour so I am not sure of that. **VE3BTR Tom** will again supply the power for the operation and I understand that there will be a super breakfast for the people who are on the night shift so don't miss out on a another great event where you can have a good time doing a little operating, a lot of renewing old acquaintances and meeting some new friends, with all

the new hams that we have in the area there should be a very large crowd and lots of activity, so don't miss out. Look for map on back page! (Editor)

Dayton 1992

It has taken quite a few years but finally **VE3DKW Mike** made it to **Dayton**, unfortunately the weather for the fleamarket was not the best but it was still a great event, for anyone who has not been there it is an experience not to be forgotten quickly, there is a very large abundance of nearly anything that pertains to ham radio and if you can't find what you are looking for it just means that you didn't dig deep enough in the fleamarket. I know that **Mike** had a great time even with the cool and damp weather that we had on Saturday. **Mike** and I also had a very interesting visit to a surplus store in downtown **Dayton** known as **Mendelson Electronics Co., Inc.**, that is a place just about anyone would give one or two of their rare **DX QSL** cards to be able to visit there a couple of times a year. The selection and quantity of surplus items is just too much for the mind to comprehend when you first enter the building, as far the eye can see there are rows and rows and rows of all the things that you can imagine from test equipment to any bolt size type or thread type you could imagine and the best part is that all the hardware is sold by the pound. At one time I thought **Mike** was having a case of buck fever the way he was filling those bags up with all those small hard to find nuts and bolts. That's enough of that but I would like to mention that the **Air museum** just out side of **Dayton** is certainly worth the 4 hours recommended tour time as **Mike** and I enjoyed that tour as well. (Editor)

Do You Know The SSB Band Limits When In The U.S.A.?

While on our way back from **Dayton** **Mike** and I ran across a **VE3** who wanted to chat a little I guess because his passenger gave us the old 52 signal and I gave him a call (I thought that freq. was forgotten because I have gone from **Orono** to **St. John N.B.** and never heard a single signal), he was very curious as to what band my antenna was cut for, well after I explained that it was able to **QSY** anywhere from 3.5 mhz to 29.700 mhz in just seconds that was when he mentioned that he had checked in to the **TPN** on 40

meters earlier and that the band was only so so. Out of curiosity I inquired as to how did he liked operating CW mobile, that was when he informed me that it was on phone when he checked in. I then asked him if he was aware that he was out of the U.S. phone band and even though there is no sub band in Canada any more, but you have to abide by the regulations of Canada as well as all regulations of the country you are operating in. Even though there is a reciprocal operating agreement between Canada and U.S.A. you have to go by their rules when south of the border. The same goes for U.S. Amateur operators when they come to Canada, if they are operating portable or mobile on 80 meters, they can not go below 3.7500 on phone even we can operate much lower, he was not aware that there was any difference in the band plan between Canada and U.S.A., I know this is a common mistake by a lot of people, especially a lot of the newer amateurs who may not be aware of the regulations in U.S. The thing that amazed me about this particular incident was that the person that was operating held a two letter call and surely should have been more aware of what the operating procedure was, I am including a short list of the lower band limits for the HF frequencies for a reference when operating state side, I hope they will be of some value to those of you who operate HF mobile or portable.

80 m= 3.750 mhz and up
 40 m= 7.150 mhz and up
 30 m 10.100-10.150 no ssb
 20 m=14.150 mhz and up
 17 m 18.110 mhz and up
 15 m=21.200 mhz and up
 12 m 24.930 mhz and up
 10 m=28.300 mhz and up

I hope this will be of some help to some people and possibly save you from a pink slip from the FCC.

Lets make field day 1992 a super event this year.

There is always a lot of fun to be had at field day.



Do You Have The Club Logo On That Shirt For Field Day Yet?

For anyone who is interested in having the club logo on their favourite sweater, jacket, T shirt or any thing else you can think of may have the job done at **PEACOCK SPORTS** in Whitby, 110 Athol St. 416-666-1114. The club has purchased a computer tape to have the club logo put on clothing items, so all you have to do is drop into the store, show your membership card and decide what you want to have the club logo put on and they will accommodate you so make sure you have the logo and your call put on that new T-shirt before Field day. (Editor)

Updated Membership List

I will be printing an updated membership list shortly once all the new hams let **Keith VE3GDF** or **Paul VE3LHZ** know what their new call is. (Editor)

Nonquon Canoe Races

Well June is here and the **Nonquon canoe races** are on again, **VE3LIZ Glen** is looking for about 6 more volunteers to help out with the event so anyone interested in giving **Glen** a hand contact him on **VE3OSH, VE3NAA**, on packet or at 725-1545, it is a fun operation and gives you a chance to give the batteries in your HT a little work out and a day of fresh air and sunshine for you as well. (Editor)

Sermon On The Mount

I wonder if anyone would like to volunteer to help out with the festivities at the get together at the repeater site this year, anyone who would be interested in giving a hand with the effort could contact **Ron Wragg VE3AIY** at the meeting or by phone if you can't make the meeting. This is always a very popular outing with **VE3BQH, John** and his live steam display and **VE3DKW, Mike** with his telescope, for the early arrivals you can look at the sun spots if there are any, and for the later arrivals you can gaze at the stars, some years this star gazing has been known to carry on until quite late in the evening and with quite a large group, so don't miss this popular outing coming up next month. (Editor)

You Know You Are Getting Old When:

You get to the top of the ladder, but it's leaning against the wrong wall. (VE3PLM)

CNE For 1992

This may seem a little early but some things have to be started a little early to assure they go off with out a hitch, so I am mentioning the CNE operation to make sure that it is fresh in your mind when VE3GJS Greg brings the subject up and asks for volunteers. (Editor)

Sad Sadie

The heaviest jockey Dawson Rutherford of Pleasure Ridge Park, Kentucky, owned his own racehorse, Sad Sadie, and rode her despite his weight of 312 pounds. Sad Sadie came in dead last in 10 straight races, sometimes stopping and refusing to move until Rutherford got off. After 10 losses, Rutherford retired as a jockey and let his son Marvin, who weighs only 255 pounds ride Sad Sadie. (VE3PLM)

New Radials

New rule on Radials, Remember the old radial tire rotation rule: move radial tires front to back and visa versa, but never cross them? Scrap it. Improved car and tire design has made it possible to cross tires without problems. In fact, it's recommended for more consistent wear, extending tire life. Cross radial tires front-to-back(front left to right rear) for best results.

The above items were taken from The Auto Info, a daily General Motors inplant paper. (VE3PLM)

You Know You Are Getting Old When:

You burn your midnight oil by 9 PM. (VE3PLM)

How Not To Install Antennas

After getting his tower up, McHam found that he faced the problem of getting up his husky four element beam, support pipe and extra heavy duty

of the tower and hoisted the whole system complete with a tool box and extra wire to the top. Then he decided to free the hoisting line from the bottom pulley and tie it off to a near by tree. Unfortunately the equipment was heavier then McHam so before he knew what was happening the whole load started to plummet downward, jerking him off the ground. He decided to hang on, but unfortunately about half way down he met the equipment coming down and suffered a severe blow on the shoulder, he then continued on to the top of the tower where he banged his head on the mast supporting the pulley and jammed his fingers when they were pulled into the pulley. When the equipment hit the ground the rotor smashed and fell off. Then McHam was heavier than the remaining equipment and he started to fall at a high rate of speed, half way down he met the equipment on its way up and suffered more injuries to his shins. When he hit the ground he landed on the remains of the rotor causing severe pain and cuts to the lower portion of his body. At this point McHam lost his presence of mind (???) because he let go of the rope and the equipment and antenna proceeded to fall at a great rate of speed striking him on the head and making pretzels out of the elements of the antenna. He then wrote to the manufactures and respectfully requested replacement of the antenna on the grounds that "it" was defective. (K3ABN / QST /12/57)

ATV Presentation

For those who missed the meeting I am sorry to have to tell you that you missed a very interesting evening that covered some of the aspects of fast scan Amateur Television, VE3SST Neil and VE3POJ John did a very fine job of giving the demonstration and answered any questions that were put to them. I believe Neil VE3SST has a mobile TV system that would be equalled only by the equivalent of CITY or CFTO TV. By the way the super fantastic video machine that was used to put the demonstration on with was donated by Future Image Systems of Scarborough. (Editor)

Trivia Items

Anyone having any good items to put in the trivia column I would appreciate hearing from you.

(Editor)

Field Day 1992

It's getting to be that time of year again....time to dust off the club towers, antennas and other equipment as we get ready for FIELD DAY. This year's event takes place the weekend of June 27-28 and once again N.S.A.R.C. will set up VE3NSR at the Harmony Valley Conservation Area in north-east Oshawa. Things should be bigger and better than ever this year. The club has acquired a 40 meter beam (aka Big Bertha) to add some punch to our signal on the incredibly crowded 40 meter band during field day. This, in addition to our 20 meter beam should aid greatly in increasing our points total. By-the-way, the club is in need of a top section of tower to fit a GENERAL TOWER TV type, this tower is manufactured by Delhi towers, anyone having or knowing of such a tower section for sale please contact me ASAP. We'll likely be operating three HF stations again as well as perhaps a two-meter station with alternative power. For those who haven't taken part in field day before, it's essentially an exercise that amateur radio clubs and individuals across North America take part in to test our skills in operating under simulated emergency conditions. (i.e. no AC to plug into, and away from the comfort of our shack). In addition, it proves to be great fun every year! So, I especially encourage our new Hams to take part this year in what ever way you can. There will be a sign up sheet at the next meeting. If you can't make the June meeting, feel free to call me and let me know you want to come out. See you at Harmony Valley! (VE3GJS)

73, Greg VE3GJS (576-4655)

Minutes 14-May-92

Meeting called to order at 20:00 by Richard, VE3RJB.

Treasurer's report presented by Greg, VE3GJS.

Fleamarket

Victor, VE3LNX reported that details regarding the fleamarket would be made available later next week. Amateur Television presentation by John, VE3POJ and Neil VE3SST.

Field Day

Greg, VE3GJS is looking for volunteers to help assemble the 40 meter beam for field day. Greg is

by Delhi. QTH for field day will again be Harmony Valley Conservation Area. Greg is looking for help in preparing signs to advertise the event.

VE3CNE

Greg, VE3GJS mentioned that volunteers are required for this event. Date: Saturday of the Labour Day weekend, 10:00 - 22:00 Same day as the air show.

Jamboree on the Air

Council hall has been reserved at Camp Samac. Len, VE3SVD has offered to prepare certificates for Scouts that operate the radio.

Canoe the Nonquon

Saturday June 6, 1992, Five volunteer are still required. Handie-talkie owners please see Glen, VE3LIZ if interested.

Repeater For Sale

Motion was made by Richard, VE3RJB to investigate further, the price to purchase VE3NAA from Harry Westwood, VE3QG and compare cost of new equipment. Seconded by Victor, VE3LNX. Motion was carried.

Corn Roast Monday August 10, 1992

A vote was held to determine whether to hold the corn roast and it was supported by everyone. Ron, VE3AIY has reserved the area.

Old Business

Motion was made by Ralph, VE3CRK to use the money from the funds donated on behalf of silent key Ernest Richards, KA2KNZ to purchase subscriptions of QST and CARF for the Oshawa Public Library. Seconded by Bernie, VE3ATL. Motion was carried.

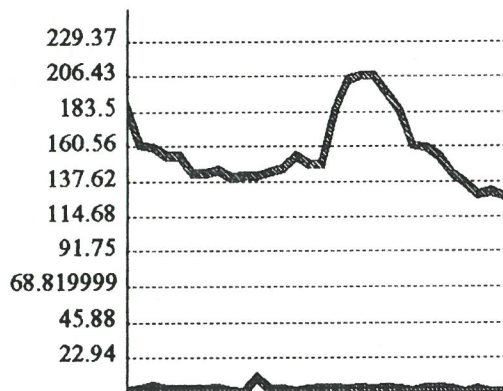
Motion to adjourn by Mike Sherba, VE3DKW. Seconded by Don, VE3TLZ.

Meeting adjourned 22:00 (VE3TIG)

GOTA

It seems as we have a new coordinator, Tom VE3BTR is the new coordinator of Guides On The Air, Tom says he plans to have two HF stations operating as well as 2 meters, so anyone interested in helping set up and maintain the station at Camp Samac in north Oshawa can contact Tom and make arrangements with him, this will not take place until this fall but I thought it would not hurt to mention it to let everyone know that it is on the back burner for later this year.

Solar Flux Numbers For April 1992



Subscriptions: KA2KNZ

A vote was taken at the April meeting to use the funds that were donated in memory of Dick KA2KNZ to purchase a subscription to QST and TCA to be placed in Oshawa public library in his memory, so anyone who wishes to catch up on any QST or TCA articles will be able to do so by this fall, it will take that long to get the subscriptions going. (Editor)

From CARF News Bulletin

Item 2.

FCC BUSTS DOZENS OF "FREEBANDERS"

On March 12 and 13 engineers from all FCC field operations bureau offices across the nation fanned out and knocked on the doors of illegal "freeband" operators. The mass enforcement campaign targeted the illegal operations which exist between CB Channel 40 (27.4 Mhz) and the bottom of the 10-metre ham band beginning at 28 Mhz. This spectrum is allocated to the Fixed Location and Mobile Radio Services and is not available to the personal radio services. Some sixty-six "freebanders" were identified and are in the process of being issued citations. Each could be issued fines which could run into thousands of dollars. The details are still sketchy at this point since the FCC has yet to officially acknowledge the project. (from W5YI REPORT May 1/92) (CARF)

ITEM 10.

MARMORA AMATEUR RADIO CLUB PRESENTS EASTERN ONTARIO HAMFEST
Saturday, June 13th, 1992 at the Marmora Area Curling Club, Crawford Drive, Marmora Ontario. Admission \$3. Indoor tables \$5. Outdoor tailgate \$2. Doors open 9:00 a.m. Vendors 7:00 a.m. Talk-in VE3TZW 146.655/055. Information call VE3SVI Bill (613) 472-5867 or (613) 472-6008 or VE3NKJ George (613) 472-5948. (CARF)

ITEM 11.

THE 25th ANNUAL OLD TIMER'S PICNIC will be held in Orillia Thursday, June 18th. As in the past years, festivities will begin at 2:30 p.m. at Couchiching Beach Park. After an afternoon of eyeball QSO's at the beautiful shoreline location, the gang will move on to the Sun Dial Inn for the traditionally superb buffet supper. There will be great prizes and surprises in the draws following the meal. Costs this year are \$17.50 per person. Please send cheque or money order by June 15th to the coordinator, Ken Robertson VE3ERS, R.R. #1, Victoria Harbour, Ontario L0K 2A0. (CARF)

Fleamarket Report

A complete fleamarket report will be given at the next regular club meeting in June, unfortunately the last meeting in May was just three days too early to be able to give a complete report of all the activity and results of the event. I will say any reports that I have received have had nothing but praises for the way the event went this year, so I hope to be able to get the same cooperation from everyone again next year when the time comes around again. (Editor)

Jacket Found At Fleamarket

A very good rain coat was found at the fleamarket after the event was over, if anyone is missing a raincoat should contact VE3DKW Mike, the raincoat is bright yellow in colour, there was an item found in the pocket which the person should have missed not too long after the market ended, so if the person who claims the jacket identifies the item found in the pocket they can have the rain jacket. (Editor)

For Sale Or Trade Or Wanted

Page 7

Wanted Old frequency meters,
The older the better
contact VE3DKW Mike 416-723-7674.

Wanted Pre 1945 QST's any shape
and part or full years ok
contact VE3DKW Mike 416-723-7674

SOLD CDR TR-44 rotor & control
complete with manual \$125.00
contact VE3FHV Hank 416 985-9894

For Sale Heath SB610 good condition
complete with manual \$125.00
contact VE3FHV Hank 416 985-9894

For Sale Kenwood phone patch
model PC1 \$80.00
contact VE3FJC Walter 416-263-2338

For Sale HM-102 HF swr/pwr
complete with manual \$30.00
contact VE3LIZ Glen 416-725-1545

For Sale Apple printer, works fine
but not on Commodore, best offer
contact VE3PLM Peter 416-434-8222

For Sale Hy-Gain TH3 Jr. antenna
with BN-86 balun asking \$150.00
contact VE3FJC Walter 416-263-2338

For Sale One 1912 copy of "THE BOYS
OF THE WIRELESS" by Frank V. Webster
good condition \$15.00
contact VE3FRM Ed 416-985-3790

For Sale Yaesu YO-100 monitor
scope, manual \$175.00 or BO
contact VE3LNX Victor 416-983-5831

For Sale Heath 1 KW cantenna
complete with manual \$25.00
contact VE3FHV Hank 416 985-9894

For Sale HM-102 hf swr/power
complete with manual \$25.00
contact VE3FHV Hank 416-985-9894

For Sale Icom IC-402 transceiver
70 cm, SSB & CW, 3 w. \$225.00
contact VE3LNX Victor 416-983-5831

For Sale Delhi 64' tower
complete with legs \$275.00
contact VE3FHV Hank 416 985-9894

For Sale Alinco DR-510T, mobile mount
manual, no tone board, \$425.00
contact VE3PLM Peter 416-434-8222

Wanted HRO or CR91 communications
receivers
contact VE3DKW Mike 416-723-7674

For Sale Plumbers delight 2 meter
killowatt pair of 4cx250B's \$400.00
contact VE3LNX Victor 416-983-5831

For Sale Heath 301/401 SB 600 combo.
all manuals in good cond. \$225.00
contact VE3FHV Hank 416 985-9894

For Sale Motorola dropin chgr for HT
output 15VDC @ 600ma asking \$35.00
contact VE3PLM Peter 416-434-8222

For Sale Radio Shack DX-160 short wave
receiver with external spkr \$90.00
contact VE3FJC Walter 416-263-2338

For Sale Oscilloscope by Conway
Model Cos 316 MK II, no manual, BO
contact VE3PLM Peter 416-434-8222

For Sale Astatic D-104 mic
original, not modified \$50.00
contact VE3PLM Peter 416-434-8222

For Sale MFJ Deluxe Electronic Keyer
model 1407B, asking \$80.00
contact VE3PLM Peter 416-434-8222

For Sale One 1934 copy with original
paper jacket of "THE TREASURE HUNT OF
THE S-18", by Graham M. Dean \$15.00
contact VE3FRM Ed 416-985-3790

For Sale Cellular phone by OKI
any one interested see Peter
contact VE3PLM Peter 416-434-8222

For Sale FT 101-E hf transceiver
manual and hand mic 10-160m \$450.00
contact VE3LNX Victor 416-983-5831

For Sale Sabtronic digital VOM
manual with peak hold option \$65.00
contact VE3LNX Victor 416-983-5831

For Sale PK64/HFM64 for packet radio
very little use asking \$150.00
contact VE3KSY Lew 416-430-7687

For Sale MFJ 959-B ant preamp rx only
asking \$35.00 or best offer
contact VE3DKW Mike 416-723-7674

For Sale Bearcat 220 scanner, covers
lo-hi vhf as well as uhf \$125.00
contact VE3FJC Walter 416-263-2338

MAP TO NSARC FIELD DAY 1992

